

Title (en)

COMPOUND FOR OPTICAL MATERIALS AND METHODS OF FABRICATION

Title (de)

VERBINDUNG FÜR OPTISCHE MATERIALIEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

COMPOSE DESTINE A DES MATERIAUX OPTIQUES ET PROCEDES DE FABRICATION

Publication

EP 1732937 A1 20061220 (EN)

Application

EP 05730107 A 20050323

Priority

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Abstract (en)

[origin: WO2005097843A1] A polycyclic or monocyclic perfluorovinyl compound comprising at least one structural unit selected from the group consisting of formula I and formula II wherein M is independently at each occurrence a metal selected from group 14 of the periodic table of the elements; and R is independently at each occurrence a bond, a hydrogen, an aliphatic group, a cycloaliphatic group, or an aromatic group. The polycyclic or monocyclic compound comprises at least two perfluorovinyl groups. A method for making an optical film of the disclosed compound, an electrooptical device comprising a polymer fabricated from the disclosed compound and a polymer fabricated from the disclosed compound are also provided.

IPC 8 full level

C07F 7/21 (2006.01); **C08F 14/18** (2006.01)

CPC (source: EP KR US)

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